

## CLAIMS

We claim:

1. A method comprising:  
2. creating a user profile database;  
3. obtaining new information;  
4. identifying a user profile from the user profile database in response to  
5. the new information;  
6. identifying a delivery mechanism in response to the user profile; and  
7. delivering a notice in response to the user profile.

2. The method of claim 1 further comprising:  
2. receiving the user profile including a registration request and a  
3. criterion of customization from the user; and  
4. storing the user profile in the user profile database.

3. The method of claim 1, wherein obtaining new information  
2. includes receiving the new information from a communication network.

4. The method of claim 1, wherein identifying a delivery mechanism  
2. includes selecting a Short Messaging Service ("SMS") of Global System for  
3. Mobiles for the delivery mechanism in response to the user profile.



1 8. A system for sending a customized notice comprising:  
 2 a processor;  
 3 a memory, coupled to the processor, to store a notification agent,  
 4 wherein the notification agent maintains a plurality of user  
 5 profiles and each user profile contains a plurality of criteria for  
 6 customizing the notice, wherein during execution, the notification  
 7 agent performs:  
 8 obtaining new information;  
 9 identifying a corresponding user profile associate with the new  
 10 information;  
 11 identifying a delivery mechanism in response to the  
 12 corresponding user profile; and  
 13 utilizing the delivery mechanism to send a notice in response to  
 14 the user profile.

1 9. The system of claim 8, wherein the new information is digital  
 2 information.

1 10. The system of claim 8, wherein the new information is an  
 2 electronic mail capable of traveling across a communication network.

1 11. The system of claim 8, wherein the user profile contains at least a  
 2 user name, a list of notification criteria, and a list of delivery mechanisms.

1           12. The system of claim 8, wherein the customized notice is a secured  
2 notice in response to the corresponding user profile.

1           13. The system of claim 8, wherein the customized notice is  
2   receivable by a mobile unit.

1            14. The system of claim 13, wherein the mobile unit is a cellular  
2 phone.

1           15. An article of manufacture for use in an intelligent notification  
2 system for storing an intelligent agent, the article of manufacture comprising  
3 a machine readable medium having machine readable program code  
4 embodied in the medium, the program code comprising:  
5           creating a user profile database;  
6           obtaining new information;  
7           identifying a user profile from the user profile database in response to  
8           the new information;  
9           identifying a delivery mechanism in response to the user profile; and  
10          delivering a notice in response to the user profile.

1           16. An article of manufacture of claim 15, the program code further  
2 comprising:  
3           receiving a user profile including a registration request and criterion  
4           of customization from the user; and  
5           storing the user profile in the user profile database.

1           17. The article of manufacture of claim 15, the program code wherein  
2 the new information is transmitted over communication network.

1           18. The article of manufacture of claim 15, the program code wherein  
2 the identifying a delivery mechanism includes selecting Short Messaging  
3 Service ("SMS") of Global System for Mobiles for the delivery mechanism in  
4 responds to the user profile.

1           19. The article of manufacture of claim 15, the program code wherein  
2 the identifying a delivery mechanism includes selecting Simple Mail Transfer  
3 Protocol ("SMTP") for delivery mechanism in responds to the user profile.

1        20   An apparatus:  
2        means for creating a user profile database;  
3        means for obtaining new information;  
4        means for identifying a user profile from the user profile database in  
5                response to the new information;  
6        means for identifying a delivery mechanism in response to the user  
7                profile; and  
8        means for delivering a notice in response to the user profile.

1 21. The apparatus of claim 20 further comprising:  
2 means for receiving a user profile including a registration requests  
3 and criterion of customization from the user; and  
4 means for storing the user profile in the user profile database.

1           22. The apparatus of claim 20, wherein the means for obtaining new  
2 information includes means for receiving the new information from a  
3 communication network.

1           23. The apparatus of claim 20, wherein the means for identifying a  
2   delivery mechanism includes means for selecting Short Messaging Service  
3   ("SMS") for the delivery mechanism in responds to the user profile.

